

WHAT IS CLAIMED IS:

A hologram forming apparatus comprising: 1.

means for pasting a separately produced image on a stereo image model showing at least a part of a three-dimensional object previously prepared to produce a synthetic image; and

means for producing a parallax image train from the synthetic image from the image synthesizing means.

- The apparatus as set forth in Claim 1, wherein the image synthesizing 2. means combines the separately captured image with the stereo image model being at least a part of the three-dimensional object image prepared in advance.
- The apparatus as set forth in Claim 1, further comprising means for 3. sequentially recording each image of the parallax image train as an element hologram on a sensitive material by exposing the sensitive material to an object beam and reference/beam at the same time.
- The apparatus as set forth in Claim 1, wherein the parallax image train 4. generating means tenders the synthetic image to produce a parallax image train.
- 5. A hologram forming apparatus comprising:

first means for producing a three-dimensional object image train containing a stereo image model in at least a part thereof;

second means for producing a train of images produced separately; and means for pasting the image train produced by the second image train

producing means on the stereo image model of the three-dimensional object image train produced by the first image train producing means to synthesize a parallax image train.

- 6. The apparatus as set forth in Claim 5, further comprising means for sequentially recording each image of the parallax image train as an element hologram on a sensitive material by exposing the sensitive material to an object beam and reference beam at the same time.
- 7. The apparatus as set forth in Claim 5, wherein the first image train generating means renders a three-dimensional object image having a stereo image model disposed in at least a part thereof and the second image train generating means renders the image to produce an intage train.
- 8. A hologram forming method comprising steps of:

combining a separately produced image and a stereo image model showing at least a part of a three-dimensional object previously prepared to produce a synthetic image; and

producing a parallax image train from the synthetic image produced at the synthesizing step.

9. The method as set forth in Claim 8, further comprising a step of sequentially recording each image of the parallax image train as an element hologram on a sensitive material by exposing the sensitive material to an object beam and reference beam at the same time.



10. A hologram forming method comprising:

a first step of producing a three-dimensional object image train containing a stereo image model in at least a part thereof;

a second step of producing a train of images produced separately; and a step of pasting the image train produced at the second image train producing step on the stereo image model of the three-dimensional object image train produced at the second image train producing step to synthesize a parallax image train.

- 11. The method as set forth in Claim 10, further comprising a step of sequentially recording each image of the parallax image train as an element hologram on a sensitive material by exposing the sensitive material to an object beam and reference beam at the same time.
- 12. A hologram having recorded therein a parallax image train produced from an image synthesized by pasting a separately produced image one a stereo image model showing at least a part of a three-dimensional object previously prepared.
- 13. A hologram/having recorded therein a parallax image train produced from an image synthesized by pasting a train of separately produced images on a train of three-dimensional object images containing a stereo image model in at least a part thereof.

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